IAP7 Rec'd PCT/PTO 01 FEB 2006

DR:dm 01/26/06 6682-66959-02 451394 CGL02/0396W001 A55-522

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rogers et al.

Application No. 10/533,477

Filed: April 29, 2005 Confirmation No. 4053

For: MULTIPLE COMPONENT FOOD

PRODUCT USEFUL FOR DELIVERING GLUCOSAMINE AND/OR N-ACETYL-D-

GLUCOSAMINE

Examiner: Not yet assigned

Art Unit: 1617

Attorney Reference No. 6682-66959-02

CERTIFICATE OF MAILING

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The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6682-66959-02
Application Number	10/533,477
Filing Date	April 29, 2005
First Named Inventor	Rogers
Art Unit	1617
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

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		Attorney Docket N	lumber	6682-66959-02
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INFORMATION DISCLOSUR	E STATEMENT	Filing Date		April 29, 2005
BY APPLICAN	$oldsymbol{\Gamma}$	First Named Inven	tor	Rogers
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		Examiner Name		Not yet assigned
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SLR:dm 01/26/06 6682-66959-02 451396 CGL02/0396WO01 A55-522.2 6682-66959-02 Attorney Docket Number 10/533,477 **Application Number** April 29, 2005 Filing Date INFORMATION DISCLOSURE STATEMENT First Named Inventor Rogers **BY APPLICANT** 1617 Art Unit Not yet assigned Examiner Name 2001-000158 A 01/09/2001 Suntory Ltd. Japan WIPO **Bio-Technical Resources** WO 98/30713 7/1998 WO 98/42755 10/01/1998 University of Strathclyde WIPO Exxon Chemical Patents Inc. WIPO WO 99/41294 8/1999 WO 00/04182 01/27/2000 DCV, Inc. d/b/a Bio-Technical **WIPO** Resources Examiner's Cite No. OTHER DOCUMENTS (optional) Initials* Aldrich, Catalog Hand book of Fine Chemicals, p. 756 (1996). Alonso et al., "Determination of the Degree of Acetylation of Chitin and Chitosan by Thermal Analysis," J. Thermal Analysis 28:189-193 (1983). Arcidiacono et al., "Molecular Weight Distribution of Chitosan Isolated from Mucor rouxii under Different Culture and Processing Conditions," Biotechnol. Bioeng. 39:281-286 (1992). Atrih et al., "Analysis of Peptidoglycan Structure from Vegetative Cells of Bacillus subtilis 168 and Role of PBP 5 in Peptidoglycan Maturation," J. Bacteriol. 181:3956-3966 (1999).Bartnicki-Garcia, "Cell Wall Chemistry, Morphogenesis, and Taxonomy of Fungi," Chem. Fungal Cell Wall, pp. 87-108 (1968). Benjakul et al., "Improvement of Deacetylation of Chitin from Black Tiger Shrimp (Penaeus monodon) Carapace and Shell," ASEAN Food J. 9:136-140 (1994). Beri et al., "Characterization of Chitosans via Coupled Size-Exclusion Chromatography and Multiple-angle Laser Light-Scattering Technique," Carbohydr. Res. 238:11-26 Biermann, "Hydrolysis and Other Cleavage of Glycosidic Linkages," Chapter 3, pp. 29-41

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6682-66959-02 Attorney Docket Number 10/533,477 **Application Number** April 29, 2005 Filing Date INFORMATION DISCLOSURE STATEMENT **BY APPLICANT** First Named Inventor Rogers 1617 Art Unit Not yet assigned **Examiner Name** Carlson et al., "Chitin/Chitosan Extraction from A. Niger Mycelium," Cargill Central Research, 16 pages (August 1997). "Chitin/Chitosan Specifications," Biopolymer Engineering Inc., http://www.biopolymer.com/spec.htm, 1 page (Date Printed March 4, 1999). Copy of glucosamine product label from Twinlab Flexi-licious (with shellfish allergy warning). Copy of glucosamine product label from HyVee HealthMarket (with shellfish allergy warning). Copy of glucosamine product label from Osteo Bi-flex (2 pages) (with shellfish allergy warning). Database Caplus on STN: Accession No. 1976-519336 (1976). Database Caplus on STN: Accession No. 1999:816485 (1999). Davies et al., "Determination of the Degree of Acetylation of Chitin and Chitosan," Methods in Enzymology 161:442-446 (1988). Deal et al., "Nutraceuticals as Therapeutic Agents in Osteoarthritis. The Role of Glucosamine, Chondroitin Sulfate, and Collagen Hydrolysate," Rheum. Dis. Clin. North Am. 25:379-395 (1999). Department of Health and Human Services, FDA Increases Sampling of Imported Shrimp and Crayfish, FDA News (2002) (available at www.fda.gov.bbs.topics/NEWS/2002/NEW00815.html, last visited October 18, 2002). Domanski et al., "Use of a Chitinase Complex and β -(1,3)-Glucanase for Spheroplast Production from Candida albicans," J. Bacteriol. 96:270-271 (1968). Domszy et al., "Evaluation of Infrared Spectroscopic Techniques for Analysing Chitosan," Makromal. Chem. 186:1671-1677 (1985). Eichner, "Antioxidative Effect of Maillard Reaction Intermediates," Prog. Fd. Nutr. Sci. *5*:441-451 (1981). Farkas, "Fungal Cell Walls: Their Structure, Biosynthesis and Biotechnological Aspects," Acta Biotechnol. 10:225-238 (1990). Federal Trade Commission, Shark Cartilage Receives 10M Draft Monograph, FTC Notice (2002) (available at www.ftc.gov/opa/2002/09/fdacomments.htm, as of September 2002). Ferrer, "Acid Hydrolysis of Shrimp-Shell Wastes and the Production of Single Cell Protein from the Hydrolysate," Bioresource Technol. 57:55-60 (1996).

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